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LLANELLI RURAL DISTRICT COUNCIL



ANNUAL REPORT

of the

Medical Officer of Health

for the year ended 31st December 1971.



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Llanelli Rural District Council

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the

Year ending 31st December, 1971.

PREFACE

To the Chairman and Members,
Llanelli Rural District Council.

Mr. Chairman and Gentlemen,

I beg to submit my Report for the year 1971 on the Health
Administration of the Rural District.

In doing so, I would like to thank the Chairman and Councillors
for their assistance and kindness during the year.

I am,
Your obedient Servant,

E. H. B. HOPKINS,

Medical Officer of Health.

PUBLIC HEALTH DEPARTMENT
Castle Buildings,
LLANELLI.
QUEEN VICTORIA ROAD
LLANELLI, SA15 2TH

LLANELLI RURAL DISTRICT COUNCIL

PUBLIC HEALTH COMMITTEE

Councillor A. Bowen (Chairman of Public Health & Housing Committee)

- " G.J. Jones
- " J.E.R. Alford
- " J.W. Boyles
- " F.T. Davies
- " S.R. Davies
- " L.A. Davies
- " H. Hughes, B.A.
- " T.G. James
- " D.S. Lewis
- " V. Lewis
- " L. McDonagh
- " C. McLoughlin
- " T.M. Morris
- " E.J. Thomas, J.P.
- " D.I.H. Thomas

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH:

E.H.B. Hopkins, M.R.C.S., L.R.C.P., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR:

A. V. Rowlands, M.A.P.H.I., F.R.S.H., D.P.A., D.M.A., M.I.L.G.A.

PUBLIC HEALTH INSPECTOR AND INSPECTORS OF MEAT AND OTHER FOODS:

T. J. Bibbs (Retired March, 1971)

G. Padgett, M.A.P.H.I., M.R.S.H.

Miss A. G. Rees, M.A.P.H.I. (Terminated January, 1971)

W. G. Rees, M.A.P.H.I., A.R.C.A.T.S.

J. S. Morgan, M.A.P.H.I., A.R.C.A.T.S. (Commenced 1.3.71)

R. J. Moore, M.A.P.H.I., M.R.S.H. (Commenced 8.3.71)

CHIEF CLERK:

W.O.G. Roderick

TECHNICAL ASSISTANT:

D. T. Rees, M.R.I.P.H.H., A.M.R.S.H., A.I.H.E.

CLERKS:

G.J.C. Evans, F.C.B.I., L.M.R.S.H.,

Mrs. R. Jones

STUDENT PUBLIC HEALTH INSPECTOR:

M. D. Bassett, (Commenced September, 1970)

RODENT OFFICER:

W. J. Evans

SUMMARY OF VITAL AND MORTAL STATISTICS FOR YEAR 1971

Area of Rural District	...	...	...	51,367 acres
Llanedy	...	...	...	5,680 acres
Llanelli Rural	...	...	...	15,060 acres
Llangennech	...	...	...	2,396 acres
Llannon	...	...	...	10,602 acres
Pembrey	...	...	...	14,773 acres
Pontyberem	...	...	...	2,851 acres
Population (1961 Census)	...	...	...	40,201
Population (Registrar General's Estimated mid-year 1971)	...	...	...	41,470
Density (person per acre)	...	...	...	1.27
Dwelling Houses in Rural District inhabited at end of 1971)	...	...	...	14,399
Average number of persons per dwelling	...	...	...	2.88
Rateable Value (as at 1st April, 1971)	...	...	...	£1,229,283
Product of 1d. Rate (as at 31st March, 1971)	...	...	...	£11,932. 00

DEATHS:

Males 292	Females 238	Total 530
Rate per 1,000 population		Crude Rate 12.8
		Adjusted " 15.5

(Ratio of Local Adjusted Rate to National Rate 1.34)

DEATHS '65 and over:

Males 172	Females 167	Total 339
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MOTHER AND INFANTS:

Total Live Births

Males 305	Females 266	Total 571
Rate per 1,000 population		Crude Rate 13.3
		Adjusted " 14.2

(Ratio of Local Adjusted Rate of National Rate .89)

Illegitimate Live Births:

Males 23	Females 17	Total 40
Illegitimate Live Births per cent of total Live Births		
7.0		

Still Births:

Males	4	Females	3	Total	7
Rate per 1,000 total live and still births				...	12.0
Total Live and Still Births				...	578

Infant Deaths under 1 year:

Legitimate	Males	5	Females	6	Total	11
Illegitimate	Males	-	Females	-	Total	-

Infant Mortality Rates:

Total Infant Deaths per 1,000 live births	19.0
Legitimate infant deaths per 1,000 legitimate live births	21.0
Illegitimate infant deaths per 1,000 illegitimate live births	-

Neo Natal Mortality Rate (deaths under 4 weeks):

Males	3	Females	5	Total	8
Rate per 1,000 total live births	...				14.0

Early Neo Natal Mortality (deaths under 1 week):

Males	3	Females	4	Total	7
Rate per 1,000 total live births	...				12.0
Rate per 1,000 total live births (England and Wales)	...				10.0

Perinatal Mortality (Still Births and Deaths of Infants under 1 week):

Males	7	Females	7	Total	14
Rate per 1,000 total live and still births	...				24.0
Rate per 1,000 total live and still births (England and Wales)	...				22.0

Maternal Mortality (including abortion):

Number of deaths	...	Nil
Rate per 1,000 total live and still births	...	Nil

	Ad-	Rate for
Crude Rate	justed Rate	England
		Carms. and
		County Wales

Rate per 1,000 of Estimated Population:

Live Births	13.8	14.2	13.7	16.0
Deaths	12.8	15.5	-	11.6
Rate of Still Births per 1,000 Live and Still Births	12.0	-	10.0	12.0
Infant Mortality Rate per 1,000 Live Births	19.0	-	19.0	18.0
Neo Natal Mortality Rate per 1,000 Live Births	12.0	-	-	10.0
Maternal Mortality Rate	-	-	-	.17

Year 1971	Maternal Mortality Rate per 1,000 total births	Infant Mortality Rate per 1,000 live births	Still Birth Rate per 1,000 births	Neo-natal Mortality Rate per 1,000 related births	Illegiti- macy Rate per 1,000 total live births
Llanelli Rural	-	19.0	12.0	14.0	70.06
Carm. County	Nil	19.0	10.0	15.0	57.8
England and Wales	.17	18.0	12.0	12.0	84.00

Live Births:

571 live births were registered. The adjusted birth rate was 14.2 as compared with 14.4 in 1970.

The illegitimacy rate was 70.06 per 1,000 live births as compared with 84.0 for England and Wales.

Still Births:

7 still births were registered in 1971, a rate of 12.0 as compared with 22.0 in 1970.

There were two illegitimate still births in 1971.

Net deaths from stated causes at various ages under 1 year of age:-

	Under 1 week	1-2 weeks	2-3 "	3-4 "	Total under 4 wks.	1-3 months	3-6 "	6-9 "	9-12 "	Total under 1 year.
Acute Tracheo Bronchitis	-	1	-	-	1	1	-	-	-	2
Spina Bifida	1	-	-	-	1	1	-	-	-	2
Prematurity	4	-	-	-	4	-	-	-	-	4
Inhalation of Gastric content	1	-	-	-	1	-	-	-	-	1
Congenital heart disease	-	-	-	-	-	1	-	-	-	1
Cerebral Anoxia	1	-	-	-	1	-	-	-	-	1
Total	7	1	-	-	8	3	-	-	-	11

Within the Rural District 27 births took place at home. This represents 5 per cent of the total births.

Illegitimate Still Births:

Per cent of total Still Births ... 28.57

INFANT DEATHS ACCORDING TO AGE AND PLACE OF DEATH

Age of Infant	Place of Death		
	In Hospital	At Home	Total
Under 1 week	7	-	7
1 - 2 weeks	1	-	1
2 - 3 weeks	-	-	-
3 - 4 weeks	-	-	-
Over 4 weeks	2	1	3
	10	1	11

INFANT MORTALITY RATES FOR THE LAST TEN YEARS

Year	Infant Mortality		Neo-Natal Mortality		Peri-Natal Mortality	
	R.D.	England and Wales	R.D.	England and Wales	R.D.	England and Wales
1962	24.48	21.1	13.99	15.1	34.25	
1963	23.04	20.9	12.29	14.2	38.80	
1964	33.65	20.0	28.84	13.8	45.68	32.2
1965	23.19	19.0	17.39	13.0	32.65	26.9
1966	21.28	19.0	16.37	12.9	33.60	26.3
1967	14.37	18.3	11.46	12.5	33.49	25.4
1968	24.0	18.0	10.42	12.4	42.0	25.0
1969	24.00	18.0	16.00	12.0	29.0	23.0
1970	21.0	18.0	13.0	12.0	38.0	23.0
1971	19.0	18.0	14.0	12.0	24.0	22.0

CAUSES OF DEATHS IN THE LLANELLI RURAL AREA IN THE
REGISTRAR GENERAL'S STATISTICS.

		All Ages		
Causes of Death.		M	F	Total
B.4	Enteritis and other Diarrhoeal Diseases	-	1	1
B.17	Syphilis and its Sequelae	1	-	1
B.19(1)	Malignant Neoplasm, Buccal Cavity etc.,	2	1	3
B.19(2)	" " Oesophagus	1	-	1
B.19(3)	" " Stomach	2	7	9
B.19(4)	" " Intestine	12	10	22
B.19(6)	" " Long, Bronchus	18	6	24
B.19(7)	" " Breast	-	14	14
B.19(8)	" " Uterus	-	6	6
B.19(9)	" " Prostate	3	-	3
B.19(10)	Leukaemia	3	-	3
B.19(11)	Other Malignant Neoplasms	14	12	26
B.20	Benign and unspecified Neoplasms	1	1	2
B.21	Diabetes Mellitus	3	4	7
B.22	Avitaminoses, etc.	1	-	1
B.46(1)	Other Endocrine etc., Diseases	1	-	1
B.23	Anaemias	-	2	2
B.46(3)	Mental Disorders	1	-	1
B.46(4)	Multiple Sclerosis	-	1	1
B.46(5)	Other Diseases of Nervous System	1	1	2
B.26	Chronic Rheumatic Heart Disease	5	7	12
B.27	Hypertensive Disease	4	5	9
B.28	Ischaemic Heart Disease	94	48	142
B.29	Other Forms of Heart Disease	5	9	14
B.30	Cerebrovascular Disease	31	45	76
B.46(6)	Other Diseases of Circulatory System	14	16	30
B.32	Pneumonia	16	3	19
B.33(1)	Bronchitis and Emphysema	17	4	21
B.33(2)	Asthma	2	1	3
B.46(7)	Other Diseases of Respiratory System	7	4	11
B.34	Peptic Ulcer	3	-	3
B.36	Intestinal Obstruction and Hernia	-	2	2
B.37	Cirrhosis of Liver	1	2	3
B.46(8)	Other Diseases of Digestive System	2	4	6
B.38	Nephritis and Nephroses	3	-	3
B.46(9)	Other Diseases, Genito Urinary System	2	1	3
B.46(11)	Diseases of Musculo-Skeletal System	-	2	2
B.42	Congenital Anomalies	5	1	6
B.43	Birth Injury, Difficult Labour etc.	-	2	2
B.44	Other Causes of Perinatal Mortality	2	1	3
BE47	Motor Vehicle Accidents	2	6	8
BE48	All Other Accidents	9	4	13
BE49	Suicide and Self-Inflicted Injuries	3	3	6
BE50	All Other External Causes	1	2	3

Total All Causes

292 238 530

Included in the above:-

Deaths from Pneumoconiosis	...	4
Deaths contributed by Pneumoconiosis	...	7
Deaths from Silicosis	...	1
Deaths contributed by Silicosis	...	1

CAUSES OF DEATH FOR THE PAST 10 YEARS

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Malignant Neoplasms	80	79	81	72	72	90	87	88	95	111
Scarlet Fever	-	-	-	-	-	-	-	-	-	-
Diphtheria (including Membranous Croup)	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-
Puerperal Fever	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	1	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	3	3	1	3	1	-	-	1	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-
Pthisis	1	3	5	2	1	-	1	1	-	-
Respiratory Diseases, excluding Cancer and Tuberculosis	68	73	85	50	77	69	67	600	76	84
Cardiovascular Disease	275	253	237	271	300	287	295	3065	286	283
Injuries	15	26	12	23	34	16	28	25	22	21
All other causes	52	59	47	56	58	48	74	46	37	31
	494	496	468	478	543	501	552	526	516	530

The main causes of death in the Rural District during 1970 and 1971 were as follows:-

	1970		1971	
1. Cardiovascular conditions	286	55.43%	283	55.39%
2. Neoplasms of various kinds	81	15.68%	111	20.94%
3. Cancer of the Lung, Bronchus	16	3.10%	24	4.53%
4. Respiratory disease (excluding Tuberculosis and Cancer)	76	14.73%	84	15.85%
5. Accidents	22	4.26%	21	3.96%

10 deaths were attributed to accidents in the home:-

Ages	Males	Females	Total
0-9	-	-	-
10-64	1	-	1
65 & over	-	4	4
	1	4	5

Population Statistics:

1931	...	37,266
1951	...	37,054
1961	...	40,301
1971	...	41,470

Cancer:

Of the specified cancer deaths:-

1970 1971

23	9	were reported as caused by cancer of the stomach.
16	24	were reported as caused by cancer of the lung.
5	14	were reported as caused by cancer of the breast.
5	6	were reported as caused by cancer of the womb.
41	55	were reported as other malignant or lymphatic neoplasms.
5	3	were reported as leukaemia.

Immunisation:

Immunisation figures for district areas of the County are no longer available. I am, therefore, unable to comment on the position in individual areas.

The following table relates to the whole County of Carmarthenshire:-

	<u>Primary</u>					<u>Others</u>	
	Born 1970	Born 1969	Born 1968	Born 1967	Born 1963-67	to 16 years	Boosters
Triple Antigen	829	581	80	32	31	11	838
Diphtheria/Tetanus	3	32	1	4	5	4	605
Tetanus	1	1	-	-	19	110	152
Polio (Sabin)	785	519	88	43	54	16	859
Measles	-	98	86	30	38	23	-
Rubella	-	-	-	-	-	869	-

Smallpox Vaccination:

No details of vaccinations available for 1971.

B.C.G. Vaccination (Whole County):-

	Contact Scheme	School Children
Number skin tested	126	1902
Number found negative	115	1693
Number vaccinated	112	1674

Scarlet Fever:

16 cases were reported during the year, as compared with 9 in 1970. The disease continues to be mild.

Whooping Cough:

23 cases were notified during the year. No case was notified in 1970.

Measles:

There were 416 cases of measles reported during the year as compared with 263 in 1970.

Dysentery and Food Poisoning:

All notified cases of Dysentery and Food Poisoning were investigated and faecal samples taken to the Public Health Laboratory.

No. of specimens submitted for examination	...	287
--	-----	-----

Results:

Staphylococcus Aureus	...	1
Salmonella Typhimurium	...	2
Negative	...	284

Investigation of the notified food poisoning cases revealed that they were all attributable to two incidents occurring outside the area.

Incident 1. In which 4 or more persons were involved was due to the consumption of cooked pressed meat purchased in a butcher's shop outside the area. Staphylococcus aureus was recovered from the remains of the cooked meats and from the stools of 2 of the patients.

Incident 2. Two persons from the area were part of a party, a number of whom were taken ill after eating a turkey dinner at an hotel outside the area. Salmonella Typhimurium was recovered from the stools of both patients, and it is understood that the outbreak was traced to infected turkey meat.

MORTUARIES

There are no public mortuaries in our area, but by arrangement with Llanelli Borough Council, their mortuary is available when necessary. Coroner's cases have, by arrangement between the Coroner and the Regional Hospital Board, been mainly dealt with at the Llanelli or Glangwili Hospitals.

INFECTIOUS AND OTHER NOTIFIABLE DISEASES DURING 1971

	TUBERCULOSIS									
	Whooping Cough		Infective Jaundice		Respiratory		Meninges & CNS		Other	
	M	F	M	F	M	F	M	F	M	F
Numbers originally notified	11	12	20	13	6	-	-	-	-	1
Under 3 months	1	-	-	-	-	-	-	-	-	-
3 months	-	-	-	-	-	-	-	-	-	-
6 months	-	-	-	-	-	-	-	-	-	-
9 months	-	-	-	-	-	-	-	-	-	-
Under 1 year	-	-	-	-	-	-	-	-	-	-
1 year	-	-	3	-	-	-	-	-	-	-
2 - 4	7	7	2	-	-	-	-	-	-	-
5 - 9	3	3	3	3	-	-	-	-	-	-
10 -14	-	1	2	2	-	-	-	-	-	-
15 -19	-	-	2	2	-	-	-	-	-	-
20 -24	-	-	2	2	-	-	-	-	-	-
25 -34	-	-	4	2	-	-	-	-	-	-
35 -44	-	1	2	-	-	-	-	-	-	-
45 -54	-	-	-	-	4	-	-	-	-	1
55 -64	-	-	-	1	2	-	-	-	-	-
65 -74	-	-	-	-	-	-	-	-	-	-
75 and over	-	-	-	-	-	-	-	-	-	-
Age Unknown	-	-	-	1	-	-	-	-	-	-
	11	12	20	13	6	-	-	-	-	1

	Measles		Dysentery		Scarlet Fever	
	M	F	M	F	M	F
Nos. originally notified	199	217	35	43	15	1
Final Numbers after correction:						
Under 1 year	10	12	1	4	-	-
1 year	16	18	3	2	-	-
2 years	24	23	3	4	2	-
3 years	25	32	3	-	-	-
4 years	38	47	1	3	2	-
5-9 years	80	78	4	7	8	1
10-14 years	4	5	1	4	1	-
15-24 years	-	1	2	9	2	-
25 and over	1	-	16	10	-	-
Age Unknown	1	1	1	-	-	-
	199	217	35	43	15	1

FOOD POISONING

	M	F
Numbers originally notified	3	3
Under 5	-	-
5 - 14	-	-
15 - 44	1	1
45 - 64	2	1
65 and over	-	1
Age Unknown	-	-
	3	3

OPHTHALMIA NEONATORUM

No cases were reported.

TUBERCULOSIS

Table showing notifications and number of deaths from Tuberculosis over the past ten years:-

Year	New Cases				Deaths			
	No. of New Cases Notified		Rate per 1,000 Population		Number of Deaths		Rate per 1,000 Population	
	Respira- tory	Non Respira- tory	Respira- tory	Non Respira- tory	Respira- tory	Non Respira- tory	Respira- tory	Non Respira- tory
1962	14	2	.35	.05	1	1	.02	.02
1963	10	6	.26	.14	3	-	.07	-
1964	17	3	.42	.07	4	3	.12	.02
1965	10	3	.25	.07	-	2	-	.05
1966	16	3	.39	.07	1	-	.02	-
1967	9	3	.22	.07	-	-	-	-
1968	6	4	.15	.10	1	-	.02	-
1969	8	3	.20	.07	1	-	.02	-
1970	7	6	.17	.15	-	-	-	-
1971	6	1	.14	.03	-	-	-	-

Enquiries regarding domiciliary care of Tuberculous patients should be addressed to the County Medical Officer of Health.

The County Council will assist in the domiciliary care of Tuberculous and other patients, by the provision on loan or otherwise of beds, bedding, sickroom equipment and home help assistance. In addition, sleeping out shelters are available for certain tuberculous patients.

Assistance is granted in necessitous cases towards the cost of the travelling expenses of relatives visiting long-stay patients in hospitals or sanatoria. In practice it has been found that the great majority of applications for assistance have been from relatives of tuberculous patients.

Assistance is granted for visits to hospitals and sanatoria which are not less than 40 miles from the residence of the applicant, and is subject to the following conditions:-

- (a) That there is urgent reason for the visit because of the patient's serious condition, or that the visit would in medical opinion do the patient good and aid response to treatment.
- (b) That because of the length of the journey, the relatives concerned are unable to afford it from their own resources without substantial hardship.
- (c) That subject to (a) above, assistance is restricted to one relative every month or two relatives every two months, unless a senior member of the Medical Staff of the Hospital certifies that more frequent visits are essential on account of the patient's serious condition.

CHILD WELFARE CLINICS

Place	Where Held	When Held	Tines
Felinfoel	Ysgol-y-Dabanod	Thursdays	2.30 - 4.30 p.m.
Llangennech	Salem Vestry	Tuesdays	2.00 - 4.30 p.m.
Llwynhendy	Health Centre	Thursdays	2.00 - 4.30 p.m.
Pontyates	Welfare Hall	Wednesdays	2.00 - 4.00 p.m.
Pontyberon	Public Hall	Wednesdays	2.30 - 5.00 p.m.
Pwll	Community Centre	Thursdays	2.00 - 4.00 p.m.
Trinsaran	Tabernacle Vestry	Tuesdays	2.00 - 4.00 p.m.
Tumble	Welfare Hall	Tuesdays	2.00 - 4.30 p.m.
Cross Hands	Public Hall	Tuesdays	2.00 - 4.00 p.m.

ANTE-NATAL CLINICS

Pontyates	Welfare Hall	Wednesdays (weekly)	9.30 - 12 noon
Cross Hands	Public Hall	Thursdays (weekly)	10.00 - 12 noon
Llanelli	Brynmair, Goring Rd.	Wednesdays (weekly)	9.30 - 12 noon

MOTHERCRAFT AND RELAXATION CLASSES

Llanelli	Brynmair, Goring Rd.	Tuesdays & Thursdays	2.00 - 4.30 p.m.
Llwynhendy	Health Centre	Mondays	2.00 - 4.30 p.m.

CHEST CLINIC

Llanelli	Bay View, Capel Rd.	Daily	9.30 - 12 noon 2.00 - 4.00 p.m.
		Saturday	9.00 - 12 noon

FAMILY PLANNING CLINIC

Llanelli	Llanelli General Hospital	Every Tuesday except the 1st Tuesday of the month	5 p.m. onwards
Llanelli	Llanelli General Hospital	Every Tuesday except the 1st Tuesday of the month run by the Family Planning Association	5 p.m. onwards
Llanelli	Brynmair, Goring Road.	Wednesdays	2.00 - 5.00 p.m.

V.D. CLINIC

West Wales General Hospital, Glangwili.

Males	1st Friday of month	2.00 - 6.00 p.m.
	3rd Friday of month	2.00 - 6.00 p.m.
Females	1st Friday of month	2.00 - 6.00 p.m.
	3rd Friday of month	2.00 - 6.00 p.m.

Mount Pleasant Hospital, Swansea.

Males	Monday	9.00 - 12 noon
	Tuesday	2.00 - 4.00 p.m.
	Wednesday	5.00 - 7.00 p.m.
Females	Tuesday	9.00 - 12 noon
	Thursday	3.00 - 5.00 p.m.

HOSPITALS

Local Hospitals:

There are five local hospitals:-

- (1) Mynyddnawr Hospital, Tumble (58 beds) - geriatric and chronic sick
- (2) Llanelli General Hospital (160 beds)
- (3) Bryntirion Hospital for chronic sick and aged (156 beds)
- (4) Glasfryn Maternity Hospital (12 beds and General Practitioner operated)
- (5) Cilynaenllwyd Hospital (43 beds)

Cilynaenllwyd has been used as a pre-convalescent hospital. It has proved of immense value and as a result the surgical waiting list at the General Hospital has been very considerably reduced.

Home Help Service:

The Home Help Service is organised by the Carmarthenshire County Council.

The Home Helps are provided during the laying-in period of maternity cases where the patient has no relative available to undertake the domestic duties of the home, and also in certain cases of sickness and need. For those in receipt of Social Security benefits limited domestic help can be arranged, when needed, through the Department of Social Security.

Social Services:

The Social Services Department for Carmarthenshire has been reorganised under the direction of Mrs. Mair Parfitt, B.A., with assistant directors for:

- (a) Social Work;
- (b) Residential;
- (c) Administration.

Under (a) above Area Offices have been set up at Llanelli, Carmarthen and Llandeilo. These are staffed by an Area Officer with Social Workers for the services operated by the County Authority. The Llanelli office, is situated at County Offices, Swansea Road, Llanelli.

Mentally Subnormal:

The Carmarthenshire County Council are responsible for the ascertainment, supervision and general welfare of the mentally subnormal.

A Training Centre for juniors is administered by the Education Department and one for adults is administered by the Social Services Department. Both are sited at Heol Goffa, Llanelli.

Blood Donation Service:

There is a small Blood Bank at the Llanelli General Hospital, and the service of a Pathologist with three trained Technicians is available.

Blood grouping and cross matching are part of the normal laboratory routine and 24 hour service is maintained for emergencies.

No figures of blood donations are available for this area.

CHRONICALLY SICK AND DISABLED PERSONS ACT, 1970.

Local Authorities are empowered under the provisions of the above Act to promote the welfare of handicapped people. Arrangements can be made to meet the needs of the sick and the disabled in their homes.

Housing Authorities are empowered to consider the special needs of these "unfortunates" in their proposals for housing accommodation.

Other sections of the Act ask local authorities to make provision for the disabled in premises open to the public, when it is reasonable and practicable.

The 16 cases reported to the local authority were investigated and assistance was readily given in the form of additional amenities

A close liaison with the Social and Welfare Services Department is maintained in operating the above act. This frequently leads to the sharing of costs for structural alterations to dwellings and the provision of amenities.

SECTION B

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Laboratory Facilities:

- (a) An arrangement is in operation for the bacteriological examination of pathological specimens, milk samples and ice-cream samples at the Public Health Laboratories at Carmarthen and Swansea.
- (b) Water Analysis - This work is carried out by the County Analyst's Laboratory, Carmarthen, and by the Public Health Laboratories at Carmarthen and Swansea.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY

The public water supply for the area comes from two main sources.

- 1. Llynnyfan Lake;
- 2. The Upper Cwn Lliedi Reservoir.

Industrial Water Supply:

This is taken from the Lower Cwn Lliedi Reservoir. The former supply is from an isolated area and there is a storage reservoir at Llannon. Chlorination takes place at Llynnyfan and again at Llannon, where the storage reservoir is not covered. This supply serves the parishes of Llannon, Llanedi, Llangennech, Pontyberem, Pembrey and part of Llanelli Rural Parish. It is a soft and relatively pure water which is subjected to coarse filtration followed by chlorination.

The public and industrial water supplies are augmented in periods of drought by pumping from the Rivers Towy and the Gwendraeth Fach.

The water supply for the area is generally satisfactory in both its quantity and quality.

Reports on samples submitted by the Llanelli and District Water Board for both chemical and bacteriological examination showed this to be so.

The following information is submitted by the Engineer to the Llanelli and District Water Board:-

Average daily consumption in the Board's area:-

Domestic	...	5,854,640 gallons
Trade	...	4,605,480 gallons

The total number of houses in the Board's area supplied with water is 26,000.

The estimated population supplied is 78,410.

	Cwm Lliedi Reservoir	Forge Intake Gwendraeth Fach	Llyn- y-fan Nantgoch
Total rainfall in inches during 1971	1,228 mm.	1,120.8 mm.	1,619.3 mm.
Number of days on which rain fell	202	193	202
Maximum day fall in inches and date	5.78 mm. 19.6.71	45.6 mm. 19.6.71	47.8 mm. 19.6.71

WATER SUPPLY SCHEMES

A. Completed during 1971:

1. Pembrey Pumping Station - Electrification of pumping plant.
2. Descaling of 3" and 4" mains Llwynhendy and Dafen.
3. Penberton Park Housing Site mains 4", Phase 1.
4. Ridgewood Park Housing Site mains 4".

B. Under construction during 1971:

1. Installation of additional pumping plant at Towy Pumping Station.
2. Pen-y-Garn Development, Tycroes.
3. Dythel Farn, Trinsaran.
4. Blaen Nant Housing Site, Felinfoel.
5. Llundain Fach Housing Site.
6. Spudders Bridge Improvement.
7. Rhydsarnau 6" main to Tycroes.

C. Awaiting the approval of the Welsh Office as at 31st December, 1971:

None.

D. The following schemes were approved during 1971:

1. Penberton Park Housing Site mains.
2. Renewal of 6" mains at Llwynhendy.
3. New 4" mains along Pen-y-fai Lane.
4. Rural Grant Scheme to two properties without mains water known as "Mountain Air" and "Penlan", Trimsaran Mountain.

SEWAGE DISPOSAL

The area has 14 sewerage systems, the sewage from which is treated in 13 sewage disposal works.

1. Schemes completed during 1971:

Retaining Wall, Lliedi River, Felinfoel.
Surface water sewer, Heol-y-Parc, Hendy.

2. Schemes under construction during 1971:

Subsidiary Sewer Tycroes.
Subsidiary Sewer Derwen Road, Cwmawr.
Sludge Drying Beds, Pontyberem.
Surface water sewer, Dafen.

3. Schemes awaiting approval at 31st December, 1971:

No major schemes awaiting approval.

Closet Accommodation:

No. of open midden privies	...	Nil
No. of covered midden privies	...	Nil
No. of pail closets	...	318
No. constructed during year	...	Nil
No. of water closets	...	13,298
No. constructed during the year	...	20

National Health Act, 1946 - Section 47:

No action was taken during the year under this section.

REPORT OF MR. A. V. ROWLANDS
CHIEF PUBLIC HEALTH INSPECTOR

FOOD AND DRUGS ACT, 1955

FOOD INSPECTION AND SUPERVISION

Registrations

The number of premises registered in accordance with Section 16 of the Food and Drugs Act, 1955, in the Llanelli Rural District is as follows:-

Butchers Shops	...	16
Fish and Chip Shops	...	11
Ice-cream Manufacturers	...	1
Ice-cream Dealers in prepacked ice-cream	...	96

FOOD HYGIENE (MARKETS, STALL AND
DELIVERY VEHICLES) REGULATIONS, 1966

The table below shows the number of vans based within the Area and the type of food sold from those vans:-

Ice-cream Vans	...	6
Grocers/Bakers	...	22
Butchers	...	14
Others	...	19

Ice-cream Manufacturing:

Only one premises is registered for the manufacture of ice-cream.

The number of samples taken and the grading were:-

Grade		No. of Samples
1	...	23
2	...	2
3	...	-
4	...	3
		<hr/>
		28
		<hr/>

Unsound Food Complaints

Eight complaints of unsound food were made to the Department:

Raw Meat	...	1
Canned Meat	...	1
Cooked Meat	...	1
Milk	...	2
Bread and Confectionery	...	3

All the complaints were investigated and in most cases the complainants were not prepared to support legal action. In the circumstances warning letters were sent to the suppliers concerned.

Unsound Food:

The quantities and types of food examined and found to be unfit for human consumption are appended:

	Tons	Cwts.	lbs.	oz.
Meat at Slaughterhouses	6	18	102	-
Meat at Retail Shops	-	-	35	-
Cooked Meats and Meat Products	-	-	47	-
Canned Meats	-	-	60	-
Fish	-	-	-	-
Fruit and Vegetables (Canned)	-	-	81	-
Other foods	-	-	105	-

Poultry Inspection:

1. One large poultry processing premises exists within the district.
2. Number of visits - 164.
3. Total number of birds processed during the year - 4,770,531.
4. Type of birds processed - broilers.
5. Percentage of birds rejected as unfit for human consumption - 0.6 (28,623).
6. Weight of poultry condemned as unfit for human consumption - 114,492 lbs.
7. Comments on poultry processing:
 - a. Additives: Phosphates were introduced during the year which enhances flavour, lengthen's shelf life, improves carving characteristics and reduces cooking loss. Polyphosphates are classed as permitted additives and this is declared on the labels as required by the Food and Drugs (Labelling of Food) Regulations, 1967.
 - b. Slaughtering: During the year the Slaughter of Poultry (Humane Conditions) Regulations came into force. The slaughtering techniques adopted at the plant comply fully with these Regulations.
 - c. Hygiene and Inspection: A good standard of hygiene is maintained at the plant. Inspection is carried out regularly and the Public Health Inspector carries out spot inspections of birds processed.

MEAT INSPECTION AT SLAUGHTERHOUSES DURING 1971

		Cattle (Excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number Killed		1,887	225	13	10,792	6,740	-
Number Inspected		1,887	225	13	10,792	6,740	-
<hr/>							
1. All diseases except Tuberculosis and Cysticerci:							
(i) Whole carcasses condemned		-	3	-	8	3	-
(ii) Carcasses of which some part or organ was condemned		328	207	-	1,401	893	-
<hr/>							
2. Tuberculosis only:							
(i) Whole carcasses condemned		-	-	-	-	-	-
(ii) Carcasses of which some part or organ was condemned		-	-	-	-	14	-
<hr/>							
3. Cysticerci:							
(i) Carcasses of which some part or organ was condemned		-	-	-	-	-	-
(ii) Carcasses submitted to treatment by refrigeration		-	-	-	-	-	-
(iii) Generalised and totally condemned		-	-	-	-	-	-

Total Number of carcasses inspected for the past ten years are as follows:

1962	22,511	1967	23,345
1963	21,690	1968	21,719
1964	22,667	1969	20,719
1965	20,699	1970	19,549
1966	21,549	1971	19,657

WATER SAMPLING

A total of 11 samples of water were taken by the Department and all proved to be satisfactory.

MILK AND DAIRIES (GENERAL) REGULATIONS, 1959

MILK (SPECIAL DESIGNATION) REGULATIONS, 1963 and 1965

There are in the area:-

38 Distributors	10 Producer/Retailers
14 Dairies	27 Dealers

Milk Sampling:

No. of samples taken during 1971	...	68
No. Satisfactory	...	67
No. Unsatisfactory	...	1

All samples of non-pasteurized milk are subjected to routine Brucella Abortus tests.

Milk Samples - Brucella Abortus:

No. of samples of raw milk examined	...	127
No. of positive samples found (Brucella Ring Test)	...	-
No. of positive samples found (Guinea Pig Tests)	...	-

ADMINISTRATION OF THE FACTORIES ACT, 1961

1. - INSPECTIONS for the purposes for provision as to health (including inspections made by the Public Health Inspectors).

	Number on Register	Inspections	Written Occupiers Notices Prosecuted	
	(2)	(3)	(4)	(5)
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	-	-	-	-
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority	88	274	3	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	14 (Building Operations) 4 (Slaughterhouses)	14 89	-	-
TOTAL	106	377	3	-
				No. of Factories in the area
Factories	...	...		41
Bakeries	...	...		6
Repair Garages	...	...		41
Slaughterhouses	...	...		4
Building Operations	...	...		14
Total	...	...		106
Inspections carried out:-				
Factories	...	...		94
Bakeries	...	...		55
Repair Garages	...	...		125
Slaughterhouses	...	...		89
Building Sites				14
Total	...	...		377

2. - Cases in which DEFECTS were found. If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "Cases").

Particulars	Number of cases in which defects were found		Referred		Number of cases in which prosecu- tions were instituted
	Found	Remedied	To H.M.	By H.M.	
			Inspector	Inspector	
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	1	1	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temp- erature (S.3)	-	-	-	-	-
Inadequate Vent- ilation (S.4)	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conven- iences (S.7):					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	2	2	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Out-work)	-	-	-	-	-
Total	3	3	-	-	-

FACTORIES ACT, 1961

(Part VIII of the Act)

Outworkers

(Sections 133 and 134)

There are no outworkers within Part VIII of the Factories Act, 1961.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The number of premises registered under this Act to the end of the year were as follows:-

Retail Shops	...	60
Offices	...	24
Wholesale Shops, Warehouses	...	3
Catering Establishments and Canteens	...	6
Fuel Storage Depots	...	-
		<hr/>
Total	...	93
		<hr/>

Statutory inspections made subsequent to registration:-

	1970	1971
Retail Shops	17	50
Offices	48	24
Wholesale Shops, Warehouses	3	3
Catering Establishments and Canteens	5	6
Fuel Storage Depots	-	-
	<hr/>	<hr/>
Total	73	83
	<hr/>	<hr/>

Contraventions were found at 16 premises and the attention of the Managements drawn to them.

One accident was reported during the year and investigations revealed that there was no defect in the machinery used. Mis-judgement in the operation of the machine caused the accident.

The total number of visits, including revisits made by Inspectors to registered premises during 1971 were 117.

Number of contraventions discovered by inspections	...	24
Number of Notices served	...	2
Notices complied with	...	2
Notices partly complied with	...	-
Number of contraventions found and remedied without service of Notices	...	22

AGRICULTURE (SAFETY, HEALTH AND WELFARE PROVISIONS) 1956

A partial survey of farms in the area was made during the year and a report under the above provisions was submitted to the Ministry of Agriculture, Fisheries and Food.

REFUSE COLLECTION AND DISPOSAL

It is pleasing to report that during the year the Council agreed to a policy for supplying each household in the area with receptacles for refuse. Initially, a pilot scheme of collection by the paper sack system was tried in two areas of the R.D.C. The first reactions to this system were mixed, and the householders in the remainder of the area were subsequently provided with Polyethylene bins.

With the introduction of bins, the collection services in the area was reduced from twice to once weekly.

Re-organisation of functional duties of Departments resulted in the Engineer's Department being responsible for the Refuse Collection Service.

The Department was involved in the formation of the new system and the Public Health Inspectors continue to advise on refuse storage and disposal when required.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

Table of Licensed Caravan Sites:-

<u>Address</u>	<u>Type of Site</u>	<u>Number allowed under planning</u>
1. Gould's Caravan Site, Ponygraig, Llwynhendy.	Residential	10
2. Penllwynrhodyn Caravan Site, Llwynhendy.	Residential	17
3. Gwaith Mawr Caravan Site, Llangennech.	Residential	40
4. Caravan Court Caravan Site, Cross Hands.	Residential	33
5. Speedway Caravan Site, Ponbrey.	Residential	10

INSPECTIONS UNDER PUBLIC HEALTH

AND HOUSING ACTS.

1. Inspections of Dwelling Houses during the year:-

(1)	(a)	Total number of dwelling houses inspected for Housing defects (under Public Health or Housing Acts)	...	752
	(b)	Number of inspections for the purpose	...	876
(2)		Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	44

2. Remedy of defects during the year without service of formal Notices:-

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers:

(a)	Completed	...	8
(b)	Partially Completed	...	3

3. Action under Statutory Powers during the year:-

(a) Proceedings under Section 9 and 10 of the Housing Act, 1957:-

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	...	Nil
-----	---	-----	-----

(2) Number of dwelling houses which were required after service of formal notices:-

(a)	By Owners	...	Nil
(b)	By Local Authority in default of Owners	...	Nil

(b) Proceedings under Public Health Acts:-

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	4
-----	--	-----	---

- (2) Number of dwelling houses in which defects were remedied after service of formal notices:

(a) By Owners:

Completed	...	3
Partially Completed	...	1

- (c) By Local Authority in default of owners ... -

(d) Proceedings under Section 16 and 17 of the Housing Act, 1957:-

(1) Number of dwelling houses in respect of which Demolition Orders made	...	4
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	...	11
(3) Number of Closing Orders made under Section 17 of the Housing Act, 1957	...	9
(4) Number of Closing Orders determined	...	-
(5) Number of undertakings accepted under Section 16 to recondition dwelling houses	...	-
(6) Number of houses in respect of which Cease User Undertakings were made	...	-
(7) Number of houses in respect of which Cease User Undertakings operative and Rendered Fit	...	-

(e) Proceedings under Section 18 of the Housing Act, 1957:-

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	-
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit	...	-

HOUSING ACTS, 1969

QUALIFICATION CERTIFICATES

No. of applications received	...	55
No. withdrawn	...	3
No. refused	...	2
No. issued	...	39
No. under consideration at 31.12.71	...	11

RENT ACT, 1968

Certificates of Disrepair:

No. of applications for Certificates	...	Nil
Certificates refused	...	Nil
Applications withdrawn	...	Nil
Undertakings received (form K)	...	Nil
Certificates of Disrepair issued	...	Nil
Decisions pending	...	Nil

Cancellation of Certificates of Disrepair:

No. of applications for revocation or cancellation of Certificates of Disrepair	...	Nil
Certificates revoked or cancelled	...	Nil
Cancellations refused	...	Nil
Decisions pending	...	Nil
Certificates remaining extant	...	Nil

Certificates of Disrepair -
Position at 31st December, 1971:

No. issued	...	Nil
No. revoked or cancelled	...	Nil
No. remaining in force (as in register)	...	Nil

HOUSING ACT, 1964

(a) Discretionary Grants:

Number of applications received during the year	...	196
Number approved	...	131
Number completed	...	76

(b) Standard Grants:

Number of applications received during the year	...	64
Number approved	...	41
Number completed	...	32

OCCUPIED DWELLING HOUSES IN LLANELLI RURAL
DISTRICT AT 31st DECEMBER, 1971

Parish	Houses and Flats	Shops with Private Dwelling Accom- modation	Agri- cultural Dwelling Houses	Public Houses	TOTAL
Llanelli Rural	6509	91	144	29	6773
Llannon	1651	54	101	6	1812
Penbrey	2004	32	89	17	2142
Llangennech	1174	22	26	77	1229
Llanedy 'A'	752	17	27	9	805
Llanedy 'B'	559	12	27	2	600
Pontyberen	980	17	37	4	1033
Total	13629	245	451	74	14399

CLEAN AIR ACTS, 1956 and 1968

The problems of visible atmospheric pollution during the year continues. These were mainly the result of dark smoke emissions from Industrial Furnaces and due to breakdowns, absence of suitable fuel and overloading of the boiler capacity. The Open-Cast Mining Site in the area also gave rise to complaints of dust nuisance. In each case the co-operation of the Managements has been readily forthcoming.

Prior approval and chimney height approval were granted to Messrs. Thyssens (Great Britain) Ltd., with regard to a new Briquetted Fuel Plant at Bynea. The anthracite ovoids produced at the Plant have been declared an authorised fuel under the Smoke Control Areas (Authorised Fuels) (No. 3) Regulations, 1971. The ovoids are designed for use for glass fronted domestic fires, free standing standard Central Heating Boilers and Heat Storage Cookers.

In addition to regular inspections of all industrial processes and plants in order to check the efficiency of pollution controls and to identify new sources of possible pollution, it is the intention that monitoring systems and programmes of investigation and research be established. These will be concerned with aspects of contaminants other than smoke in the atmosphere, such as metals.

Discussions have in the past twelve months taken place regarding the following sites:-

Wernos Colliery Tip, Tycroes.
Pantyffynnon Tip, Tycroes.
Great Mountain Colliery Tip, Tumble.

The following tips are under consideration for a General Improvement Area Scheme:-

Glynea Tip, Bynea.
Cwnfelin Tip, Bynea.

No work has been done in the past year on the following tips but negotiations for purchase are in progress:-

Castle Colliery, Furnace.
Trinsaran Tip (Brickworks Site area).

Schemes for the following sites have either been in progress for the whole of the year or work started during the year:-

Cross Hands Tip.
Brongwendraeth Tip, Pontyates.
New Dynant, Cwmawr.

NOISE ABATEMENT ACT, 1960

Factory Managements have been especially co-operative in the abatement of noise and no formal action was found to be necessary during the year.

SCRAP METAL DEALERS ACT, 1964

17 persons have been registered and there are two large scrap yards in our area.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

RODENT CONTROL

Rodent Control is carried out under the provisions of the above Act, one full-time Operative being employed.

<u>Properties other than Sowers</u>	<u>Type of Property</u>	
	<u>Non-Agricultural</u>	<u>Agricultural</u>
1. Number of properties in district	14,771	451
2. (a) Total number of properties (including nearby premises inspected) following notification	464	3
(b) Number infested by:-		
(i) Rats	302	2
(ii) Mice	160	-
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification	738	30
(b) Number infested by:-		
(i) Rats	379	-
(ii) Mice	205	2

The sewerage systems and disposal works are test-baited for rats and treated where necessary.

The refuse tips were regularly treated for infestations by rodents and the number of infestations have been reduced as the result of improved methods of controlling and covering tips.

Eradication of Bed Bugs and other Vernin:

Houses inspected have generally been free from vernin.

Eradication of Ants and Flies:

126 houses were found to be infested with ants or flies, and necessitated an average of two treatments per house.

Disinfection:

The four authorities in the Llanelli Division share a common disinfecter for this purpose. This arrangement is proving satisfactory.

PETROLEUM (REGULATION) ACTS, 1928 and 1936

There are 68 licensed premises in the area.

NUMBER OF INSPECTIONS CARRIED OUT DURING 1971Public Health Act:

House Inspections	...	154
House Reinspections	...	218
Private Water Supply	...	19
Public Water Supply	...	14
House Drainage	...	139
House Drainage Revisits	...	179
Drain Testing	...	23
Surface Drainage	...	107
Watercourses	...	140
Flooding	...	25
Nuisances	...	180
Nuisances Revisits	...	133
Piggeries	...	12
Tents and Vans	...	60
Public Conveniences	...	209
Refuse Collection	...	175
Refuse Tips	...	246
Refuse Dumping	...	184
Infectious Diseases	...	200
Infectious Diseases Revisits	...	139
Disinfection	...	5
Disinfestation	...	146
Disinfestation Revisits	...	106
Unclean Premises	...	113

Housing Act:

House Inspections	...	117
House Reinspections	...	171
Housing Improvement Grants	...	414
Qualification Certificates	...	67
Housing Survey	...	487

FOOD & DRUGS ACT:

Fish and Chip Shops	...	22
Licensed Premises	...	37
Clubs	...	15
Meat Shops	...	117
Meat Vans	...	43
Fish Vans	...	12
Canteens	...	31
Cafes	...	32
Food Preparing Premises	...	43
Food Shops	...	145
Unsound Food Investigations	...	36
Unsound Food Investigations Revisits	...	23
Food Vans	...	31
Ice-Cream Manufacturing Premises	...	17
Ice-Cream Shops	...	36
Ice-Cream Vans	...	13
Milk Vans	...	15
Dairies	...	27
Raw Milk Distributors	...	80
Bakehouses	...	55
Slaughterhouses	...	89
Poultry Processing Plant	...	164
Meat Inspection Visits	...	493
Poultry	...	94

Others:

Factories and Workshops	...	94
Building Sites	...	14
Housing Investigations	...	117
Welfare Investigations	...	113
Rodent Control	...	51
Clean Air Act	...	203
Petroleum Regulations	...	125
Noise Abatement Act	...	87
Caravan Sites	...	116
Offices, Shops & Railway Premises Act	...	117
Scrap Metal Dealers Act	...	40
Animal Boarding Establishment Act	...	7
Pet Animals Act	...	3
Quarry Fencing Act	...	5
Health Education	...	7
Bathing Pools	...	15
Civic Amenities Act	...	34
Workmen (Medicals etc.)	...	19
Miscellaneous	...	478

7,497
